



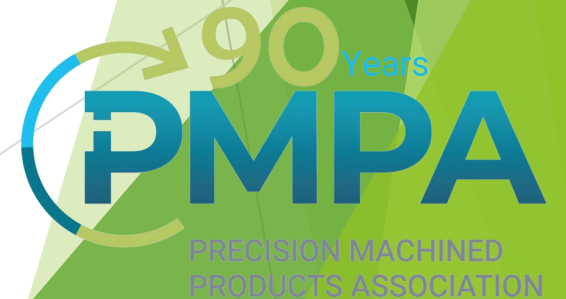
PMPA CT Chapter

February 1st

Exploring the Connecticut Center for Advanced Technology

Welcome, New PMPA Members

- ▶ Fox Hill Swiss (joined summer of 2022)
- ▶ Royal Screw Machine Products (joined autumn of 2022)
- ▶ Sherwood Manufacturing (joined autumn of 2022)



2023 Leadership of the PMPA Connecticut Chapter

Chairperson: Chelsea Castor, *DACRUZ Manufacturing*

Vice Chairperson: Dijana Jovanovic, *Iswiss*

Secretary / Treasurer: Rob Somma, *Somma Tool*

Planning Committee Member: Josh Malouin, *Sherwood Manufacturing*



Local Chapter Events planned for 2023

- ▶ Q1 Tour and presentation at CCAT
- ▶ Q2 Presidents Round Table at Butchers and Bakers in Farmington
- ▶ Q3 Open House at New England Tool (October)
- ▶ Q4 Holiday Party (December)

Why Attend? Networking, Local Resources, Social Engagements



Upcoming National Events



Management Update Conference 2023

FEBRUARY 23-26, 2023
OMNI LOUISVILLE HOTEL
LOUISVILLE, KENTUCKY

[MORE INFORMATION](#)



National Technical Conference 2023

APRIL 16-18, 2023
HUNTINGTON CLEVELAND CONVENTION
CENTER
CLEVELAND, OHIO

[MORE INFORMATION](#)



WELCOME

Precision Machined Products Association (PMPA)

February 1, 2023

Our Vision

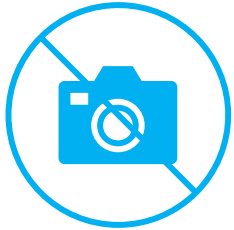
Transformative solutions for a connected world

Our Mission

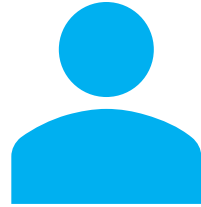
To *lead* the advancement of applied technologies,
power the workforce of the future and *inspire* change



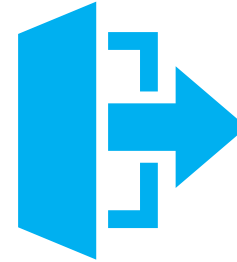
Reminders



No photos or videos are permitted in the facility



Restroom locations



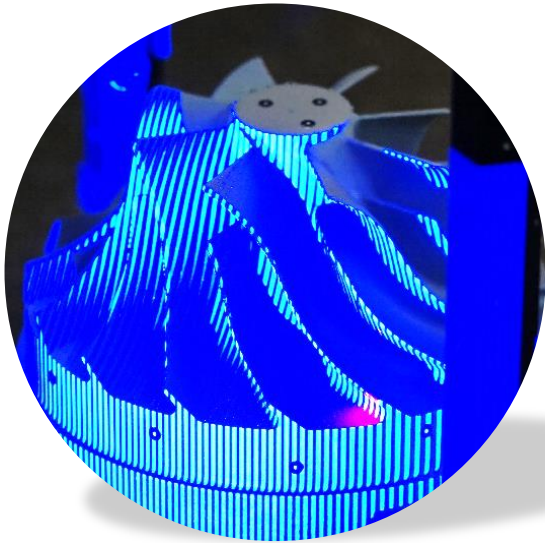
Fire exits and assembly location



Let us know how we did in the survey

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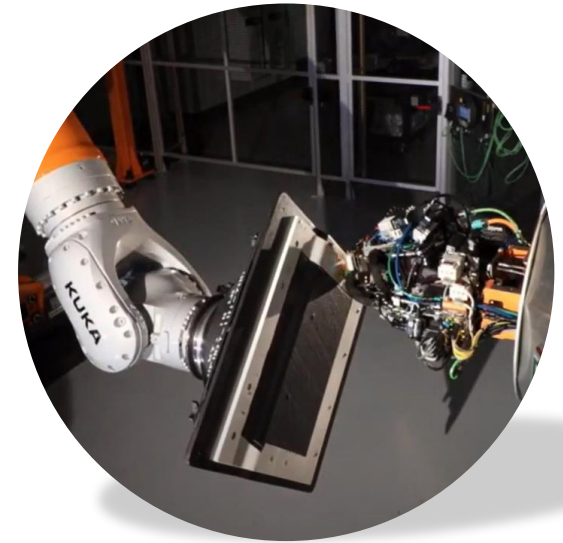
CCAT is an applied technology demonstration and training center that **validates, demonstrates, and assists with the adoption of leading-edge technologies** into Connecticut and the nation's **advanced manufacturing supply chain**, while providing vital **training and upskilling** to power the **workforce of the future**.



ADAM: Advanced Design
Automation and Metrology



ATOM: Additive Technologies
Optimization and Machining



Advanced Composites
Technology Center



Advanced Technology Centers



ADAM: Advanced Design Automation and Metrology

- model based definition
- generative design
- industrial IoT
- X-Ray μ CT scanner
- automation & robotics



ATOM: Additive Technologies Optimization and Machining

- direct energy deposition
- high-rate AM FlexCell™
- powder bed fusion
- binder jetting
- continuous fiber
- hybrid / 5-axis machining



CAGE: 36EH1

DUNS: 133026711

NAICS: 541690 + 541712

Technology Adoption

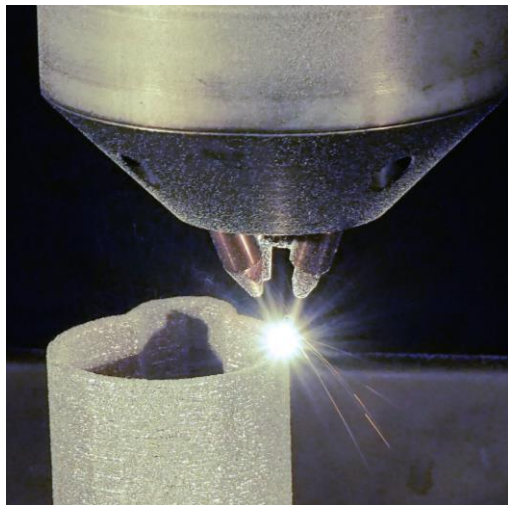
- 1 | Introductory Workshops
- 2 | Technology Demonstration Projects
- 3 | Money for Manufacturing Matching Grants
- 4 | Technology Onboarding Support
- 5 | Technology Trainings

No cost program to support the #CTManufacturing supply chain adopt Industry 4.0 technologies

 ccat.us/industry40



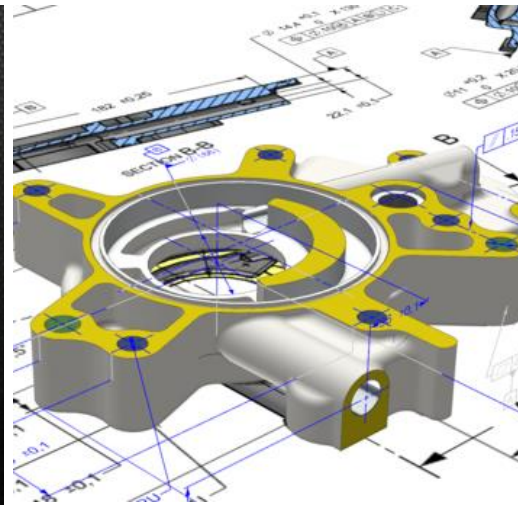
Industrial IoT



Additive Mfg



Automation



Model based definition



AR/VR/MR

Money for Manufacturing



Connecticut Center for
Advanced Technology, Inc.



Department of Economic and
Community Development

Grant programs designed to help Connecticut manufacturers acquire the skills, tools & resources needed to keep pace with today's rapidly evolving manufacturing ecosystem.

TECHNOLOGY

SIRI & Cyber Assistance Program

\$10,000 to assist with Smart Industry Readiness Index &/or cybersecurity assessments ctsac.ccat.us

IoT Integration Voucher Program

\$20,000 to assist with the implementation of IoT solutions on your manufacturing floor ctivp.ccat.us

Manufacturing Innovation Fund

\$100,000 for new equipment, business development or project to improve productivity and competitiveness ctmvp.ccat.us

WORKFORCE

Apprenticeship Funding Program

\$15,000 wage subsidy provided for registered manufacturing apprentices ctafp.ccat.us

Incumbent Worker Training

\$50,000 to assist with upskill training of your employees ctiwt.ccat.us

Engineering Internship Program

Cohort-based program for interns at manufacturing companies with wage subsidy for employers, up to **\$7,000** ccat.us/interns



ccat.us/programs



pstriebel@ccat.us

Engineering Internship Program 2023

to support attraction and retention in CT Manufacturing of college talent pool

- Posting and Resume Supports and Internship Toolkit for Employers
- Events for professional development of **ALL Interns and majors**, including Engineers and Non Engineers
- Events focus on non technical skills like networking and social media presence
- Tours of Manufacturers throughout Connecticut
- Wage subsidy for up to 50% of wages, capped at \$3500 each for 2 engineering interns, employers with **3-300 employees**



ccat.us/interns

INTERNS \$7K



A photograph of a blue and white industrial robotic arm in a factory setting, positioned over a conveyor belt. The background is slightly blurred, showing other industrial equipment and a person in the distance.

**MADE
HERE**

**Manufacturing,
Engineering &
Technology**

Career Fair

Statewide Manufacturing, Engineering & Technology Career Fair

April 4, 2023
3-6 PM

Quinnipiac University

Employers register for a free table at
www.ccat.us/events/04-04-2023

MAKER

[Our Mission](#) [MAKERS](#) [Companies](#) [Educators](#) [Internships](#)

MULTIPLIERS
Powered by CCAT

Manufacturing Champions Spreading
Awareness of Careers in Manufacturing &
Inspiring the Next Gen

MAKERMultipliers.com

Industry 4.0 Training

Broaden your understanding of **emerging digital technologies** through the 180 Skills online training platform co-developed with industry



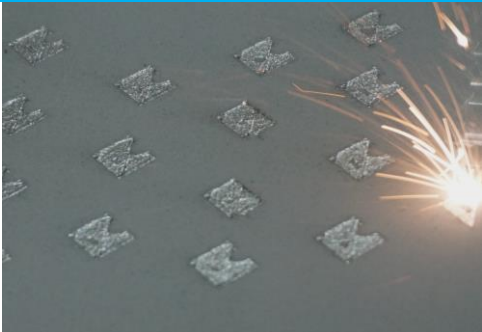
- ✓ **No cost for Connecticut SMMs** (<500 CT employees or qualify as a small business)
- ✓ Participants are required to take at least one **Industry 4.0 technology-focused class**

Learn more and apply for you or your team

bit.ly/180Skills



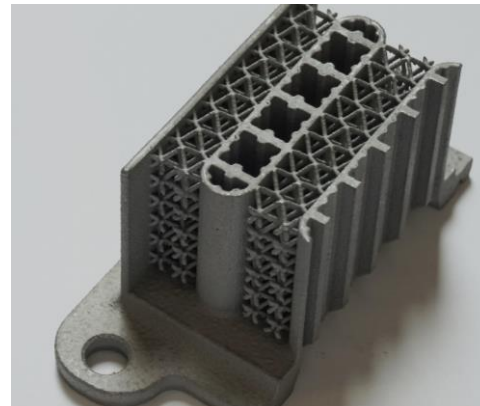
Some popular courses include:



Intro to Powder Bed Fusion



Industrial Robot Applications



Intro to Metal 3D Printing



Robot Safety



Basic Concepts of PLC Programming

Upcoming Events

Register at ccat.us/events



Automated High Speed Non-Contact Inspection Training

Wednesday, February 8, 1:00– 2:30 pm (Hybrid)



Automated Inspection Training with Sensofar

Tuesday, February 21, 12:00- 1:00pm (Webinar)



SIRL Real Time Part Tracking for Industry 4.0

Wednesday, February 22, 8:30- 12:00pm (In-person)



Using Machine Learning to Predict Part Accuracy

Monday, February 27, 10:00-11:30am (Hybrid)



Tour *Your* Advanced Technology Center

Wednesday, March 1, 2:00-3:00pm (In-person)



2nd Annual Career Connections Expo

Friday, March 17, 9:00am-1:00 pm (In-person)

On-Demand Webinar Library | ccat.us/workshops

Thank you

For more information, please contact:

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Director of Partnerships

ecandels@ccat.us

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feedback survey!

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